

A Contribution to the knowledge of the Lepidoptera fauna of Albania. 3. Some results of the collecting in April 1994 and some materials from the collection of the Natural History Museum of Tirana

(Lepidoptera, Macrolepidoptera, Heterocera)
by

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Abstract: This article is the result of a collecting trip of the senior author together with S. ABADJIEV in Albania during 11.–18. April 1994 and a critical study of the collection of Lepidoptera in the Natural History Museum of Tirana. 8 genera and 32 species are new, many others are confirmed for the fauna of Albania. For all of the species mentioned here, all known localities in Albania are given using the available literature about Albania after REBEL & ZERNY (1931). Illustrations of the male and female genitalia as well as photographs of some interesting species are given.

From 11.–18. April 1994 the Republic of Albania was visited by the Bulgarian lepidopterologists S. BESHKOV and S. ABADJIEV in order to collect more data on the Lepidoptera fauna of this relatively unexplored European country. According to the literature for Albania, the fauna is least studied in early spring and late autumn-early winter. The time of the collecting trip was not quite right for the early spring and overwintering species, but the results with the other species were quite good. The early season and the bad weather prevented us from visiting the mountains of Albania (76.6% of the territory of Albania is covered by mountains, the average altitude of the country is 708 m). Almost all places where the authors collected were at a low altitude, most of them on, or near the sea coast.

All the time during the collecting trip there was a rain, sometimes all night, sometimes at the beginning of the collecting time or after midnight. The temperature was low, following a long period of good weather in March. Moths were collected at a 400 W UV-lamp on the first two nights. On the third night (Krraba Mts) a 300W petromax-lamp was used, and for the rest of the trip a 125 W Hg-lamp. Some specimens were collected on the walls of roadside pubs, resting at day under ordinary tungsten filament lights. On 18. April 1994 a car accident interrupted the trip. All the collecting localities of the trip are shown on the map.

Some of the species reported here are from the collection of the Natural History Museum of Tirana. All of them are hitherto unpublished and some had been undetermined or misidentified. Some of them are new for Albania. So as to be certain of the correct determination of the species reported here, many illustrations of male and female genitalia are given, as well as photographs of the more interesting species. All genital preparations were made by S. BESHKOV and are in his collection. All Heterocera specimens collected during the trip are also in the collection of BESHKOV. The other specimens reported here can be found in the

Natural History Museum of Tirana. The migrant species which were found have been published already (BESHKOV & ABADJIEV, 1996), and also the butterflies (ABADJIEV & BESHKOV, in press). A small part of the Geometridae which were found during this expedition is not reported here, and will be published in a separate article by the senior author together with ERIK VON MENTZER.

In this article, as in the previous ones by BESHKOV & MISJA (1995) and BESHKOV (1995), for all species all known localities in Albania are given, using the available literature about Albania after REBEL & ZERNY (1931). For each locality all species reported are given in chronological order of publication, because of the difficulty of access to the articles published in Albania. In cases where a species has been previously reported with its localities on more than one occasion, only the last author is quoted. Several species are known before from the same localities, but from different seasons, and are therefore reported again here. The systematic order of the families given follows LERAUT (1980) and ARBEITSGEEMEINSCHAFT NORDBAYERISCHER ENTOMOLOGEN (1988). The systematics of the family Noctuidae is in accordance with FIBIGER & HACKER (1990).

Family Cossidae

Dyspessa ulula (BORKHAUSEN, 1790)

SW Albania, Levan, 5 km from Fieri on the road to Vlora Town, Koshovca Gorge, 14.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp; SW Albania, Ionian Sea Coast, Dhërmë Village, 15.IV.1994, S. BESHKOV & S. ABADJIEV leg. Known from:

Bështriq; Kula e Lumës; Kruma, Tirana, Roguzhina, Elbasan (REBEL & ZERNY, 1931, DANIEL & FRIESE, 1966); Kacinjeti, Dukati (REBEL & ZERNY, 1931, DANIEL & FRIESE, 1966); Saranda (DANIEL & FRIESE, 1966); Kopshti Botanik [The Botanical Garden near Tirana], Klos, Quarishte (Librazhd), Fushë-Kuqe (Lac) (MISJA, 1990). According to MISJA (1991) *Dyspessa ulula* is known in Albania from sea level to the subalpine zone at an altitude of more than 1200 m.

Family Psychidae

? *Rebelia macedonica* PINKER, 1956

S. Albania, Fushe Lekli Village, Tepelene Region, 17.IV.1994 on 125 W Hg-lamp, (P. HÄTTENSCHWILER det.). According to HÄTTENSCHWILER (pers. comm. 9.II.1996) the specimen will have to be rechecked when the whole genus has been revised. New species for Albania, described from its near surroundings (Macedonia, Petrina Planina [= Galichitza Mts]).

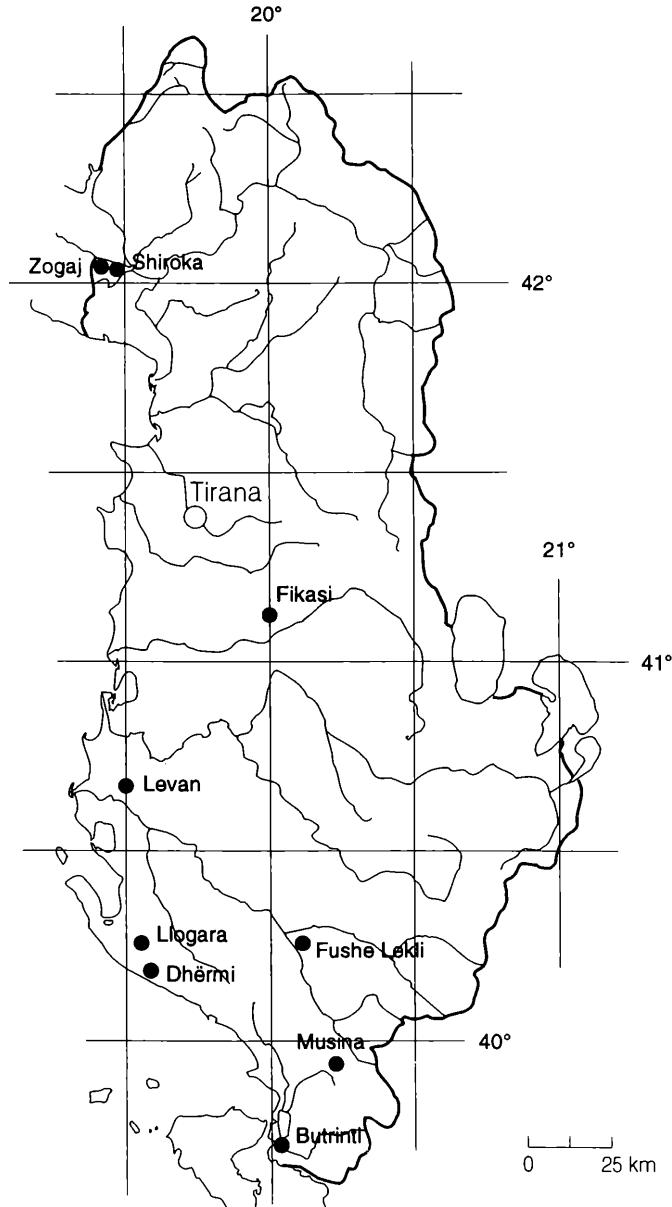
Family Lasiocampidae

Philodesma tremulifolia (HÜBNER, [1810])

S. Albania, Fushë Lekli Village, Tepelene Region, 17.IV.1994, S. BESHKOV and S. ABADJIEV leg. on 125 W Hg-lamp. Known from:

Mamuras (REBEL & ZERNY, 1931); Mbas Dejë (MISJA, 1978).

ADRIATIC SEA



IONIAN SEA

Family Saturniidae

Saturnia pyri ([DENIS & SCHIFFERMÜLLER], 1775)

SW Albania, Ionian Sea Coast Coast, Dhermi Village, 15.IV.1994, on 125 W Hg-lamp, 2 males; Musina Village, Delvina Region, 17.IV.1994, 4 males; Butrinti, 16.IV.1994, 3 males; S. Albania, Fushë Lekli Village, Tepelene Region, 17.IV.1994, S. BESHKOV and S. ABADJIEV leg. on 125 W Hg-lamp several specimens. Known from:

Kula e Lumës-Dzuri, Shkodra, Han i Hotit, Oroshti, Durrës, Vlora (REBEL & ZERNY, 1931); Tirana (MISJA, 1978); The Botanical Garden near Tirana, Elbasan, Divjakë near Lushnjë (MISJA, 1991).

Saturnia pavonia (LINNAEUS, 1758)

SW Albania, Levan, 5 km. from Fieri on the road to Vlora Town, Koshovca Gorge, 14.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp. Known from:

Shkodra (REBEL & ZERNY, 1931; MISJA, 1991); Lezhë, Dajt (29.VIII.1951!), Tirana (29.VI.1970!) (MISJA, 1978); Dajt (29.VIII.1951!) (MISJA, 1978; MISJA, 1991); The Botanical Garden near Tirana and Shengjin near Lezhë (MISJA, 1991).

Family Drepanidae

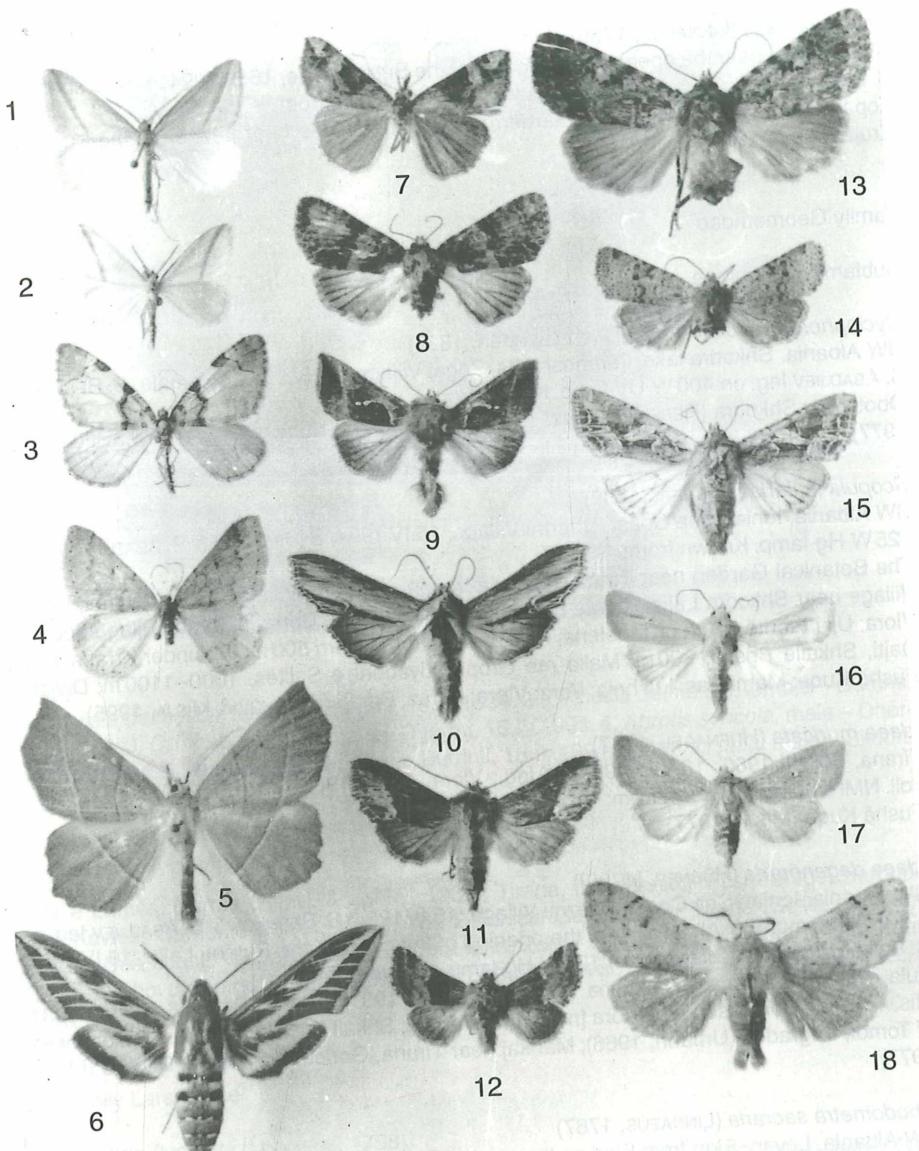
Drepana binaria (HUFNAGEL, 1767)

S Albania, Fushë Lekli Village, Tepelene Region, 17.IV.1994, S. BESHKOV leg. on 125 W Hg-lamp, Gen. prep. 4./23.V.1995, BESHKOV, female. Known from:

Marikaj near Tirana, Goricë near Koreë, Fushë-Kuqe (MISJA, 1978). It is possible that some of the quoted specimens belong to *Drepana uncinula* (BORKHAUSEN, 1790), a species known from Macedonia.

Plate 1

1. *Rhodometra sacraria*, male – SW Albania, Levan, 5 km from Fieri on the road to Vlora Town, Koshovca Gorge, 14.IV.1994.
2. *Rhodometra sacraria*, male – Adriatic Sea Coast, Skoder Region, Velipoja plazh, 19.IX.1993.
3. *Nebula derivata*, male – SW Albania, Llogara, 1000 m, 15.IV.1994.
4. *Lomographa distinctata orientalis*, male – SW Albania, Llogara, 1000 m, 15.IV.1994.
5. *Campaea honoraria*, male – Butrinti, 16.IV.1994.
6. *Hyles livornica*, female – Butrinti, 16.IV.1994.
7. *Hypena obsitalis*, female – Dhërmi, 15.IV.1994.
8. *Craniophora ligustri*, female – Butrinti, 16.IV.1994.
9. *Trichoplusia circumscripta*, male – Dhërmi, 15.IV.1994.
10. *Shargacucullia blatariae*, female – Dhërmi, 15.IV.1994.
11. *Calocucullia celiae*, male – Musina Village, Delvina Region, 17.IV.1994.
12. *Cleonymia opposita*, male – Musina Village, Delvina Region, 17.IV.1994.
13. *Pyrois effusa*, male – Butrinti, 16.IV.1994.
14. *Spudaea pontica*, female – Dhërmi, 15.IV.1994.
15. *Lacanobia blenna*, female – Butrinti, 16.IV.1994.
16. *Mythimna sicula*, male – Butrinti, 16.IV.1994.
17. *Mythimna scirpi*, female – S. Albania, Fushë Lekli Village, Tepelene Region, 17.IV.1994.
18. *Perigrapha rorida*, male – SW Albania, Levan, 5 km from Fieri on the road to Vlora Town, Koshovca Gorge, 14.IV.1994.



Family Thyatiridae

Thyathira batis (LINNAEUS, 1758)

SW Albania, near the opening of the canal of the Butrinti Lake, 16.IV.1994, 1 male specimen, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp. Known from:

Kopshti Botanik [The Botanical Garden near Tirana], Kune near Lezhë, Fushë-Kuqe near Krujë (MISJA, 1990).

Family Geometridae

Subfamily Sterrhinae

Cyclophora quercimontaria (BASTELBERGER, 1897)

NW Albania, Shkodra lake, Tarabosh Mts, Zogaj Village, 12.IV.1994, 1 female, S. BESHKOV & S. ABADJIEV leg. on 400 W UV-lamp. Known from:

Oboti near Shkodra (REBEL & ZERNY, 1931); Tirana, Fushë-Kuqe, Golem near Kavajë (MISJA, 1977).

Scopula imitaria (HÜBNER, [1799])

SW Albania, Ionian Sea Coast, Dhërmi Village, 15.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp. Known from:

The Botanical Garden near Tirana (Selita e Vogël); Kakarriqi Village, Lezha district; Limaëi Village near Shkodra Lake; Kula e Lumës; Tirana; Shkodra; Durrësi; Borshi Village south of Vlora; Uji i Ftontë south of Tepelena; Poliëani west of Tomorri 500 m; Iba under Krraba; Dajti; Dajti, Shkallë Priska, 800 m; Malio me Gropa, Livadhet e Selitës, 1000–1100 m; Divjaka; Fushë-Kuqe; Mamurras; Lushnja; Vora; Vlora; Korëa; Berati (BESHKOV & MISJA, 1995).

Idaea muricata (HUFNAGEL, 1767)

Tirana, 30.VIII.1980, 16.VII.1990, Bio leg.; Vlora, 12.VII.1987; Marikaj, 23.VIII.1972, all in coll. NMNH Tirana. Known from:

Fushë Kuqe (MISJA, 1977).

Idaea degeneraria (HÜBNER, [1799])

SW Albania, Ionian Sea Coast, Dhërmi Village, 15.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp; SW Albania, near the opening of the canal of the Butrinti Lake, 16.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp. Known from:

Kula e Lumës, Kruma, Rogozhina (REBEL & ZERNY, 1931); Tirana (REBEL & ZERNY, 1931; MISJA, 1977); Borshi south of Vlora [north of Saranda], Shkall Prick in Dajti Mts, Poliëan west of Tomor, Pogradec (Urbahn, 1966); Marikaj near Tirana, Gorice near Korëë, Divjakë (MISJA, 1977).

Rhodometra sacraria (LINNAEUS, 1767)

SW Albania, Levan, 5 km from Fieri on the road to Vlora Town, Koshovca Gorge, 14.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp. This specimen is commented in BESHKOV & ABADJIEV (in press). Here the specimen is figured (pl. 1, fig. 1). Known from:

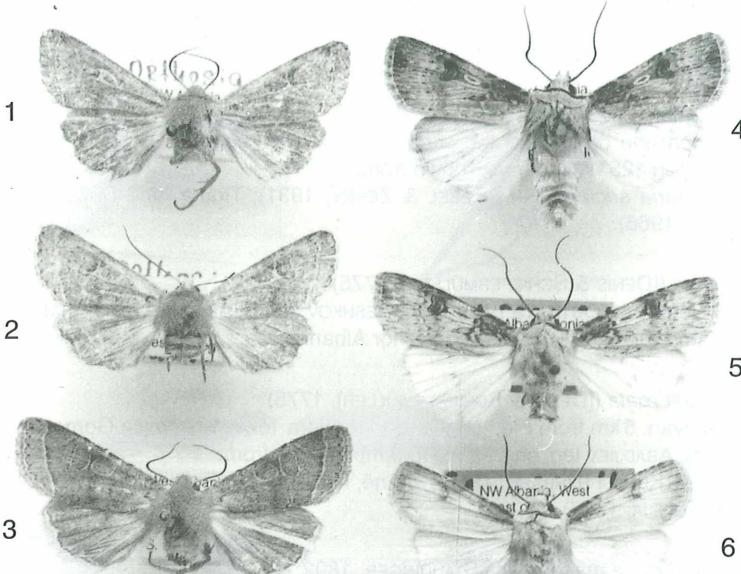


Plate 2

1. *Orthosia dalmatica*, female – Butrinti, 16.IV.1994. 2. *Orthosia dalmatica*, female – Butrinti, 16.IV.1994. 3. *Orthosia cerasi*, female – Dhërmi, 15.IV.1994. 4. *Agrotis syricola*, male – Dhërmi, 15.IV.1994. 5. *Agrotis syricola*, male – Butrinti, 16.IV.1994. 6. *Agrotis puta*, male – Skodra lake, Zogaj, 12.IV.1994. (Photo S. BESHKOV).

Kula e Lumës, Durrës (REBEL & ZERNY, 1931); Tirana, Ibë, Marikaj, Fushë-Kuqe, Bardhor near Kavajë, Qarrishtë (MISJA, 1977); The Botanical Garden near Tirana (Selita e vogël); Adriatic Sea coast, Velipoja plazh; Shkodra lake, Zogaj Village; Kus, Qëndra koshar near Tirana; Koshovca Gorge, Levan (23.IX.1993); Butrinti (BESHKOV, 1994); Dhërmi Village (BESHKOV & ABADJIEV, in press.).

Subfamily Larentiinae

Xanthorhoe fluctuata (LINNAEUS, 1758)

NW Albania, Shkodra lake, Tarabosh Mts, Shiroka v, 11.IV.1994 on 400W UV-lamp; NW Albania, Shkodra lake, Tarabosh Mts, Zogaj Village, 12.IV.1994 on 400W UV-lamp. Known from:

Bështriq, Djalica e Lumës, Korab, Cucali (REBEL & ZERNY, 1931); Tirana and Shkodra (REBEL & ZERNY, 1931; MISJA, 1977); Poli  an west of Tomor and Lurja east of Kurbneshi, Kunora a Lur  s (URBAHN, 1966); Ib  , Vlor  , MbasDej  , Qarrisht  , Lur   (MISJA, 1977).

Epirrhoa alternata (O. F. M  LLER, 1764)

SW Albania, near the opening of the canal of the Butrinti Lake, 16.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp. Known from:

Shkodra as *Cidaria sociata* BKH. (REBEL & ZERNY, 1931); Tirana, and Dajti, Shkall Prisk, 850 m (URBAHN, 1966).

Anticlea derivata ([DENIS & SCHIFFERM  LLER], 1775)

SW Albania, Llogara, 1000 m, 15.IV.1994, S. BESHKOV and S. ABADJIEV leg. 1 male specimen resting on a lamp (pl. 1, fig. 3). New species for Albania.

Eupithecia centaureata ([DENIS & SCHIFFERM  LLER], 1775)

SW Albania, Levan, 5 km from Fieri on the road to Vlora Town, Koshovca Gorge, 14.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp. Known from:

Kula e Lum  s by Kuk  si (URBAHN, 1966); Tiran  , Marikaj near Tirana, Ibe, Durr  s, Vermosh, Shijak (Rad  ) (MISJA, 1977).

Oulobophora internata macedonica STAUDINGER, 1892

SW Albania, near the opening of the canal of the Butrinti Lake, 16.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp. New genus and a new species for Albania.

Subfamily Boarmiinae

Eilicrinia trinotata (METZNER, 1845)

SW Albania, near the opening of the canal of the Butrinti Lake, 16.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp. Known from:

Tirana, Berat (REBEL & ZERNY, 1931).

Rhoptria asperaria (H  UBNER, [1817])

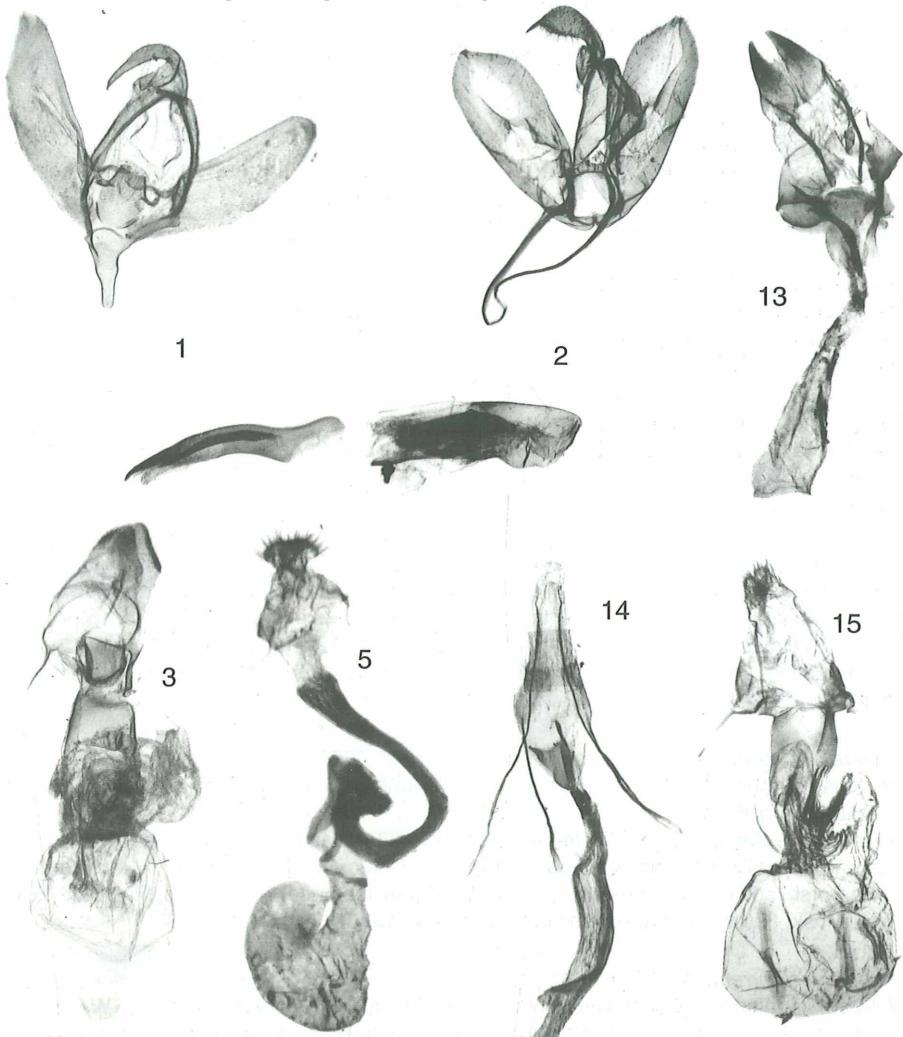
SW Albania, Levan, 5 km from Fieri on the road to Vlora Town, Koshovca Gorge, 14.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp; SW Albania, Ionian Sea Coast, Dh  rmi Village, 15.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp. Known from:

Dh  rmi (VI; IX); Rogozhina; Lushnja; Borshi Village south of Vlora; Mali me Gropa, Livadhet e Selit  s, 1000–1100 m (BESHKOV, 1995).

Pachycnemia hippocastanaria (H  UBNER, [1799])

SW Albania, Ionian Sea Coast, Dh  rmi Village, 15.IV.1994, many specimens, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp. Known from:

Dh  rmi (in June); Durr  si; Tirana; Lushnja; Dajti Mt.; Iba below Krraba (BESHKOV & MISJA, 1995).



Genitalia figs. 1–3, 5, 13–15

Fig. 1: *Aleucis distinctata orientalis*, male – Liogara, 1000 m alt., 15.IV.1994, Gen. prep. 3./02.VI. 1995, BESHKOV. Fig. 2: *Eilema caniola*, male – Butrinti, 16.IV.1994, Gen. prep. 1./23.V.1995, BESHKOV. Fig. 3: *Eilema caniola*, female – Dhërmi, 15.IV.1994, Gen. prep. 3./23.V.1995, BESHKOV. Fig. 5: *Craniophora pontica*, female – Butrinti, 16.IV.1994, Gen. prep. 4./10.IV.1995, BESHKOV. Fig. 13: *Sesamia nonagrioides*, female – Dhërmi, 15.IV.1994, Gen. prep. 8./10.IV.1995, BESHKOV. Fig. 14: *Spudaea pontica*, female – Dhërmi, 15.IV.1994, Gen. prep. 5./10.IV.1995, BESHKOV. Fig. 15: *Orthosia dalmatica*, female – Butrinti, 16.IV.1994, Gen. preps 1./10.IV.1995, BESHKOV.

Dasycorsa modesta (STAUDINGER, 1879)

Krraba Mt, 6 km from Fikasi Village, Elbassan Region, 13.IV.1994, 5 males specimens, S. BESHKOV & S. ABADJIEV leg. on 400 W petromax lamp. New genus and a new species for Albania.

Lycia hirtaria (CLERCK, 1759)

SW Albania, Llogara, 1000 m, 15.IV.1994, S. BESHKOV and S. ABADJIEV leg. 1 male specimen resting on a lamp, Gen. prep. 1./08.VI.1995, BESHKOV. Known from:
Shkodra (REBEL & ZERNY, 1931); Tirane (MISJA, 1977).

Biston strataria (HUFNAGEL, 1767)

SW Albania, Llogara, 1000 m, 15.IV.1994, S. BESHKOV and S. ABADJIEV leg. 1 male specimen resting on a lamp. Known from:
Tirane (MISJA, 1977).

Agriopsis marginaria (FABRICIUS, 1777)

SW Albania, Llogara, 1000 m, 15.IV.1994, S. BESHKOV and S. ABADJIEV leg. 1 male specimen resting on a lamp. Known from:
Tirane (MISJA, 1977).

Menophria abruptaria (THUNBERG, 1792)

SW Albania, Llogara, 1000 m, 15.IV.1994, S. BESHKOV and S. ABADJIEV leg. 1 male specimen resting on a lamp; SW Albania, near the opening of the canal of the Butrinti Lake, 16.IV.1994, 1 male specimen, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp. Known from:
Dhërmë; Kula e Lumës; Shkodra; Tirana; Lezha; Mamurras; Golemi near Kavaja; Mbas Dejë (BESHKOV, 1995).

Peribatodes rhomboidaria ([DENIS & SCHIFFERMÜLLER], 1775)

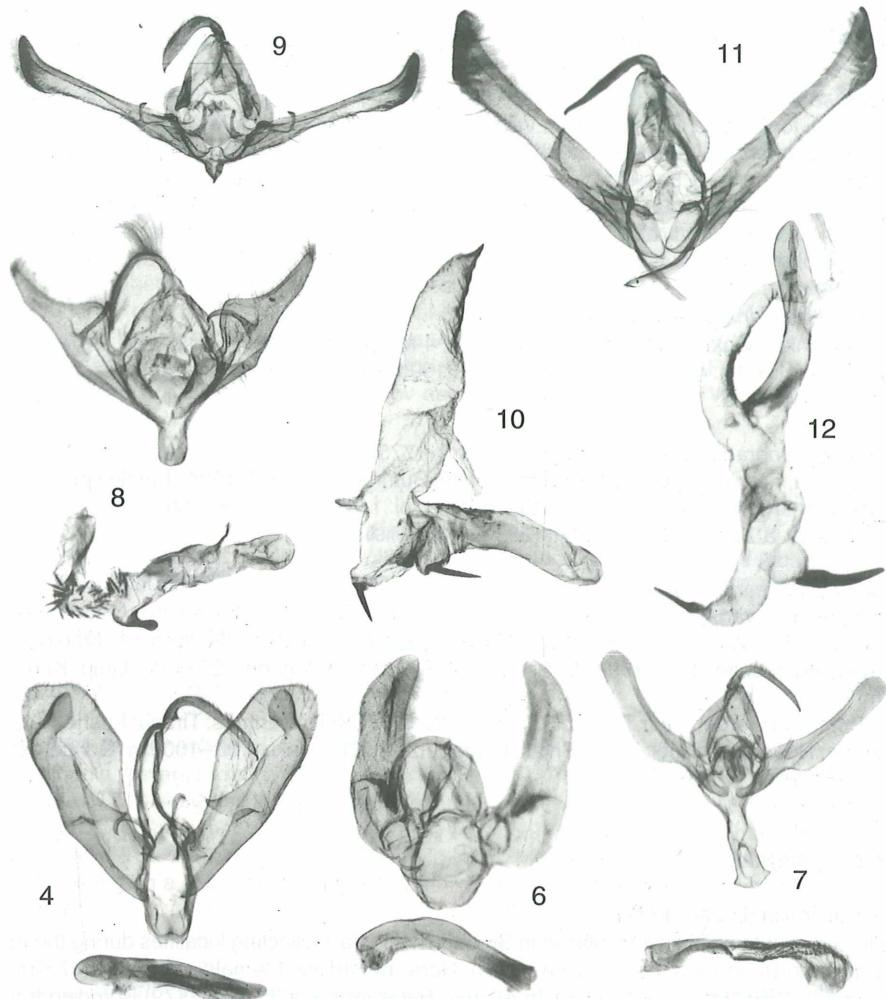
SW Albania, Ionian Sea Coast, Dhërmë Village, 15.IV.1994, 1 male specimen, S. BESHKOV & S. ABADJIEV leg. Known from:
Shkodra lake, Zogaj Village; Dhërmë Village (24.IX.1993); Pashtrik [Beshtriqu]; Kulla e Lumës; Bicaj; Tropoja; Tirana; Shkodra; Kuëi; Fani; Munela Mount.; Pashaliman, 17 km. south of Vlora; Borshi south of Vlora [north of Saranda]; Berati; Iba under Krraba Mts; Mali Dajti; Dajti; Shkall Prisk, 850 m; Fushë-Kuqe; Burreli (BESHKOV, 1995).

Peribatodes correptarius (ZELLER, 1847)

W Albania, Ionian Sea Coast, Dhërmë Village, 15.IV.1994, S. BESHKOV leg. on 125 W Hg-lamp 1 male specimen, Gen. prep. 1./12.IV.1996, BESHKOV. In REBEL & ZERNY, 1931 is mentioned the taxon *Boarmia perversaria* (B.) *correptaria* Z. from Orosi. In URBAHN (1966) the taxon *correptaria* Z. is not included. Here *Peribatodes correptarius* (ZELLER, 1847) is reported as a new species for Albania.

Selidosema plumarium ([DENIS & SCHIFFERMÜLLER], 1775)

Wrongly reported as *Selidosema brunnearium* (DE VILLERS, 1789) as a new species for Albania by BESHKOV (1995) from Kushi (15 km West of Tirana). The male genitalia illustrated in



Genitalia figs. 4, 6–12

Fig. 4: *Autophila limbata*, male – Shiroka Village, 11.IV.1994, Gen. prep. 2./18.I.1995, BESHKOV.
Fig. 6: *Metachrostis velox*, male – Divjakë, 20.IX.1972, leg. K. MÍSJA, in coll. NMNH Tirana, Gen. prep. 1./01.VIII.1994, BESHKOV. Fig. 7: *Trichoplusia circumscripta*, male – Dhërmi, 15.IV.1994, Gen. prep. 6./10.IV.1995, BESHKOV. Fig. 8: *Abrostola agnistorista*, male – Dhërmi, 15.IV.1994, Gen. prep. 1./19.IV.1995, BESHKOV. Fig. 9: *Cucullia chamomillae*, male (everted vesica) – Levan, 14.IV.1994, Gen. prep. 3./19.IV.1995, BESHKOV. Fig. 10: *Cucullia chamomillae*, male (everted vesica) – Levan, 14.IV.1994, Gen. prep. 3./19.IV.1995, BESHKOV. Fig. 11: *Shargacucullia blattariae*, male – Dhërmi, 15.IV.1994, Gen. prep. 7./10.IV.1995, BESHKOV. Fig. 12: *Shargacucullia blattariae*, male (everted vesica) – Dhërmi, 15.IV.1994, Gen. prep. 7./10.IV.1995, BESHKOV.

BESHKOV (1995: figs 6–8, 9) belongs to *Selidosema plumarium* ([DENIS & SCHIFFERMÜLLER], 1775). *Selidosema brunnearium* (DE VILLERS, 1789) has never been collected in Albania.

Ascotis selenaria ([DENIS & SCHIFFERMÜLLER], 1775)

W Albania, Ionian Sea Coast, Dhërmi Village, 15.IV.1994, S. BESHKOV leg. on 125 W Hg-lamp 1 male specimen; SW Albania, near the opening of the canal of the Butrinti Lake, 16.IV.1994, 2 males specimens, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp. Known from: The Botanical Garden near Tirana; Dhërmi Village; Kulla e Lumës; Shkodra; Mamurras; Borshti south of Vlora [north of Saranda]; Mali Dajti; Tirana; Marikaj near Tirana; Bardhor near Kavaja; Golemi near Kavaja; Gorica near Korëa; Fushë-Kuqe; Burreli (BESHKOV, 1995).

Aleucis distinctaria orientalis STAUDINGER, 1892

West Albania, Liogara, 1000 m alt., 15.IV.1994, 4 males specimens, S. BESHKOV leg. resting on a lamp (pl. 1, fig. 4), Gen. preps 1–4./02.VI.1995, BESHKOV (ig. 1). New genus and a new species for Albania.

Campaea honoraria ([DENIS & SCHIFFERMÜLLER], 1775)

SW Albania, near the opening of the canal of the Butrinti Lake, 16.IV.1994, 1 male specimen, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp (pl. 1, Fig. 5). Known from: Vlora (REBEL & ZERNY, 1931); Butrint (25.X.1975) (MISJA, 1977).

Aspilates ochrearia (Rossi, 1794)

SW Albania, Levan, 5 km from Fieri on the road to Vlora Town, Kosovca Gorge, 14.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp; SW Albania, near the opening of the canal of the Butrinti Lake, 16.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp. Known from:

The Botanical Garden near Tirana; Butrinti (25.IX.1993); Kulla e Lumës; Tirana; Fushë-Kuqe; Shkodra; Rogozhina; Kuëi; Bazar Shjak; Pogradetz, on Ohrid lake, 700–1000 m; Gorica near Korëa (BESHKOV, 1995).

Family Sphingidae

Hyles livornica (ESPER, 1779)

Collected on a lamp in several places in Southern Albania. Collecting localities during the trip are given in BESHKOV & ABADJIEV (in press). Here the smallest female specimen (47.5 mm wingspan) is illustrated (pl. 1, fig. 6). In Albania *Hyles livornica* (ESPER, 1779) is known from the following localities:

Tirana (REBEL & ZERNY, 1931; MISJA, 1978); Durrësi and Saranda (EICHLER & FRIESE, 1965); Marikaj near Tirana (MISJA, 1978); Dhërmi Village, Butrinti Lake, Fushë Lekli Village near Tepelene (BESHKOV & ABADJIEV, in press).

Deilephila elpenor (LINNAEUS, 1758)

SW Albania, Ionian Sea Coast, Butrinti Lake, 16.IV.1994, S. BESHKOV leg. on 125 W Hg-lamp 1 male in coll. BESHKOV. Known from:

Tirana, Marikaj near Tirana, Lezha, Mbas Dejë, Berat (MISJA, 1978).

Family Notodontidae

Stauropos fagi (LINNAEUS, 1758)

S. Albania, Fushë Lekli Village, Tepelene Region, 17.IV.1994, S. BESHKOV and S. ABADJIEV leg. on 125 W Hg-lamp. Known from: Fushë-Kuqe, Tirana, Quarrishtë (Librazhd), Llogara (MISJA, 1978)

Dicranura ulmi ([DENIS & SCHIFFERMÜLLER], 1775)

SW Albania, Levan, 5 km from Fieri on the road to Vlora Town, Koshovca Gorge, 14.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp, 1 male in coll. BESHKOV; W Albania, Ionian Sea Coast, Dhërmi Village, 15.IV.1994, S. BESHKOV leg on 125 W Hg-lamp 1 male specimen; SW Albania, near the opening of the canal of the Butrinti Lake, 16.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp; Musina Village, Delvina Region, 17.IV.1994, resting on a common light bulb, 1 male and 1 female in coll. BESHKOV; S. Albania, Fushë Lekli Village, Tepelene Region, 17.IV.1994, S. BESHKOV and S. ABADJIEV leg. on 125 W Hg-lamp. Known from:

Tirana (REBEL & ZERNY, 1931).

Peridea anceps (GOEZE, 1781)

SW Albania, Levan, 5 km from Fieri on the road to Vlora Town, Koshovca Gorge, 14.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp, 2 males in coll. BESHKOV; W Albania, Ionian Sea Coast, Dhërmi Village, 15.IV.1994, S. BESHKOV collected on 125 W Hg-lamp 2 males specimens; Butrinti, 16.IV.1994 on 125 W Hg-lamp, 8 males in coll. BESHKOV; Musina Village, Delvina Region, 17.IV.1994, resting on a common light bulb, 2 males in coll. BESHKOV. Known from: Shllak (Shkodër) (MISJA, 1978).

Drymonia ruficornis (HUFNAGEL, 1766)

SW Albania, Levan, 5 km from Fieri on the road to Vlora Town, Koshovca Gorge, 14.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp, 1 male in coll. BESHKOV; SW Albania, near the opening of the canal of the Butrinti Lake, 16.IV.1994, 3 males and 1 female specimens, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp; Musina Village, Delvina Region, 17.IV.1994, resting on a common light bulb, S. BESHKOV & S. ABADJIEV leg. This species is new for Albania.

Drymonia melagona (BORKHAUSEN, 1790)

Vermosh, 13.VII.1984, in coll. NMNH Tirana. Listed in MISJA (1978) without locality. New species for Albania.

Harpyia milhauseri (FABRICIUS, 1775)

SW Albania, near the opening of the canal of the Butrinti Lake, 16.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp; S. Albania, Fushë Lekli Village, Tepelene Region, 17.IV.1994, S. BESHKOV and S. ABADJIEV leg. on 125 W Hg-lamp. Known from: Kushi, Tirana Districts; Mammurasi; Marikaj near Tirana; Quarrishtë (BESHKOV, 1995).

Family Thaumetopoeidae

Thaumetopoea pityocampa ([DENIS & SCHIFFERMÜLLER], 1775)

SW Albania, Llogara, 1000 m, 15.IV.1994, many nests on a *Pinus* spec., S. BESHKOV and S. ABADJIEV leg. Known from:

The Botanical Garden near Tirana; Velipoja plazh; Zogaj Village; Bardhor near Kavaja; Tirana; Librazhdi; Vermoshi; Qarrishta near Librazhdi (BESHKOV, 1995). In an article by MISJA (1978) reported as *Thaumetopoea pinivora* Tr.

Family Lymantriidae

Ocnocera detrita (ESPER, 1785)

Pozrmer, Diber, 25.VII.1989; Dvoran (Korca), 21.VII.1987, both in coll. NMNH Tirana. Known from:

Bikaj (REBEL & ZERNY, 1931); Dvoran near Korëë (MISJA, 1990).

Family Arctiidae

Eilema sororcula (HUFNAGEL, 1766)

SW Albania, Ionian Sea Coast, Butrinti Lake, 16.IV.1994, S. BESHKOV leg. on 125 W Hg-lamp 1 male specimen. New species for Albania.

Eilema caniola (HÜBNER, [1808])

SW Albania, Ionian Sea Coast, Butrinti Lake, 16.IV.1994, S. BESHKOV leg. on 125 W Hg-lamp, Gen. prep. 1./23.V.1995, BESHKOV, male (fig. 2); West Albania, Ionian Sea Coast, Dhërmi Village, 15.IV.1994, S. BESHKOV leg. on 125 W Hg-lamp one female, Gen. prep. 3./23.V.1995, BESHKOV (fig. 3) and two males specimens. Known from:

The Botanical Garden near Tirana [Kopshti botanik]; Velipoja plazh; Shkodra lake, Zogaj Village; Çurila near Durrësi town; Dhërmi Village; Kulla e Lumës; Shëngjini; Rogozhina; Pashalimanë 17 km south of Vlora; Tirana; Vermoshi; Butrinti (BESHKOV, 1995).

Arctia vilica (LINNAEUS, 1758)

SW Albania, Levan, 5 km from Fieri on the road to Vlora Town, Koshovca Gorge, 14.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp, 1 male in coll. BESHKOV; SW Albania, Ionian Sea Coast, Dhërmi Village, 15.IV.1994, S. BESHKOV & S. ABADJIEV leg.; SW Albania, near the opening of the canal of the Butrinti Lake, 16.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp. Known from:

Kulla e Lumës, Tirana, Han i Grabom, Abata, Oroshti; Fani (REBEL & ZERNY, 1931); Durrës (REBEL & ZERNY, 1931; MOUCHA, 1963; MISJA, 1978); Elbassan and Berat (MOUCHA, 1963); Vlora (REBEL & ZERNY, 1931; MISJA, 1978); Vora, Jonifër near Vlora, Dajt, Quarrishtë, Llogara, Burrel (MISJA, 1978).

Ammobiota festiva (HUFNAGEL, 1766) (= *Arctia hebe* (LINNAEUS, 1767))

Musina Village, Delvina Region, 17.IV.1994, 20 male specimens resting on a common light bulb, all in coll. BESHKOV. Known from:

South Albania without given locality (REBEL & ZERNY, 1931); Dvoran near Korëë (MISJA, 1978).

Diaphora mendica (CLERCK, 1759)

SW Albania, Levan, 5 km from Fieri on the road to Vlora Town, Koshovca Gorge, 14.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp, 1 male in coll. BESHKOV; SW Albania, near the opening of the canal of the Butrinti Lake, 16.IV.1994, 1 female specimen, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp. Known from:
Kula e Lumës (REBEL & ZERNY, 1931).

Diaphora luctuosa (HÜBNER, [1830–1831])

Vermosh, 13.VII.1984, in coll. NMNH Tirana. Known from:
Kula e Lumës and Boga Village (BESHKOV, 1995).

Phragmatobia fuliginosa (LINNAEUS, 1758)

SW Albania, near the opening of the canal of the Butrinti Lake, 16.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp. Known from:
Tirana, Shkodra (REBEL & ZERNY, 1931; MISJA, 1978); Rogozhina (REBEL & ZERNY, 1931); Lushnjë, Marikaj near Tirana, Fushë-Kuqe, Goricë near Korëë, Divjakë, Burrel, Berat (MISJA, 1978).

Family Noctuidae

Subfamily Hypenodinae

Schrankia costaestrigalis (STEPHENS, 1834)

SW Albania, Levan, 5 km from Fieri on the road to Vlora Town, Koshovca Gorge, 14.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp. Known from:
Kula e Lumës, Miloti (REBEL & ZERNY, 1931; HEINICKE, 1965).

Subfamily Hypeninae

Hypena obsitalis (HÜBNER, [1813])

W Albania, Ionian Sea Coast, Dhërmi Village, 15.IV.1994, S. BESHKOV leg on 125 W Hg-lamp 1 female specimen (pl. 1, fig. 7). Known from:
Shkodra (June, November, December) (REBEL & ZERNY, 1931; HEINICKE, 1965).

Hypena palpalis (HÜBNER, 1796)

NW Albania, Shkodra lake, Tarabosh Mts, Zogaj Village, 12.IV.1994 on 400 W UV-lamp, 1 female, S. BESHKOV & S. ABADJIEV leg. Known from:
Shkodra (June) (REBEL & ZERNY, 1931; HEINICKE, 1965).

Subfamily Catocalinae

Minucia lunaris ([DENIS & SCHIFFERMÜLLER], 1775)

W Albania, Ionian Sea Coast, Dhërmi Village, 15.IV.1994, S. BESHKOV leg on 125 W Hg-lamp 1 female specimen; SW Albania, near the opening of the canal of the Butrinti Lake, 16.IV. 1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp. Known from:

Tirana (REBEL & ZERNY, 1931; HEINICKE, 1965; MISJA, 1976); Pogradeci (HEINICKE, 1965); Marikaj near Tirana, Shkodër, Kune (MISJA, 1976).

Clytie syriaca (BUGNION, 1837)

SW Albania, near the opening of the canal of the Butrinti Lake, 16.IV.1994, 1 male specimen, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp. Known from:
Shkodra, Tirana, Rogozhina (BESHKOV & MISJA, 1995).

Disogonia algira (LINNAEUS, 1767)

W Albania, Ionian Sea Coast, Dhërmi Village, 15.IV.1994, S. BESHKOV leg on 125 W Hg-lamp 1 male (gen. det.) and one female specimen. Known from:

Kus near Vora; Çurila near Durrës; Shkodra lake, Zogaj Village; Tirana; Kulla e Lumës; Korabi; Shkodra; Fusha e Mbretit; Durrësi; Polièani west of Tomorri; Marikaj near Tirana; Mamurraqi; Vora; Iba near Tirana; Lushnja; Divjaka (Lushnja); Qarrishta (Librazhdii) (BESHKOV, 1995).

Autophila limbata (STAUDINGER, 1871)

NW Albania, Shkodra lake, Tarabosh Mts, Shiroka Village, 11.IV.1994 on a tungsten lamp, 2 male specimens, gen. preps. 1–2./18.I.1995, BESHKOV (fig. 4). New species for Albania.

Exophila rectangularis (GEYER, [1828])

Tirana, 15.V.1976, Aremi leg., 1 male in coll. NMNH Tirana. Known from:
Shkodra (REBEL & ZERNY, 1931; HEINICKE, 1965); Borshi south of Vlora [north of Saranda] (HEINICKE, 1965).

Subfamily Euteliinae

Eutelia adoratrix (STAUDINGER, 1892)

Butrint, 09.VI.1980; Vlore, 01.VII.1978, KOHINE leg., both in coll. NMNH Tirana. New species for Albania.

Subfamily Acronictinae

Acronicta orientalis MANN, 1862

SW Albania, near the opening of the canal of the Butrinti Lake, 16.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp. Known from:

Shkodra lake, Zogaj Village; Limaëi Village near East coast of the Shkodra lake; Peqini; Mali me Gropa, Livadhet e Selitës, 1000–1100 m (BESHKOV & MISJA, 1995).

Acronicta rumicis (LINNAEUS, 1758)

SW Albania, near the opening of the canal of the Butrinti Lake, 16.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp. Known from:
Kula e Lumës, Rogozhina (REBEL & ZERNY, 1931; HEINICKE, 1965); Tirana (REBEL & ZERNY, 1931; HEINICKE, 1965; MISJA, 1976); Iba below Kraba, 400 m (HEINICKE, 1965); Marikaj near Tirana, Burrel, Fushë-Kuqe, Bardhor near Kavajë, Kune, Qarrishtë (Librazhd), Turan near Korëë (MISJA, 1976).

Craniophora ligustri ([DENIS & SCHIFFERMÜLLER], 1775)

SW Albania, near the opening of the canal of the Butrinti Lake, 16.IV.1994, 1 male specimen, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp. Known from:
Fushë Kuqe (MISJA, 1976).

Craniophora pontica (STAUDINGER, 1879)

SW Albania, Ionian Sea Coast, Butrinti Lake, 16.IV.1994, S. BESHKOV leg. on 125 W Hg-lamp 1 female specimen (pl. 1, fig. 8), Gen. prep. 4./10.IV.1995, BESHKOV (fig. 5); same place (Butrinti), 08.VI.1980, 1 male specimen in coll. NMNH Tirana. New species for Albania.

Subfamily Acontiinae

Eublemma ostrina (HÜBNER, [1808])

S. Albania, Fushë Lekli Village, Tepelene Region, 17.IV.1994, S. BESHKOV and S. ABADJIEV leg. on 125 W Hg-lamp. Known from:
Butrinti; Llogara; Kulla e Lumës; Shkodra; Tirana; Gasturan near Tropoja (BESHKOV, 1995).

Metachrostis velox (HÜBNER, [1813]) (= *velocissima* TURATI, 1926)

Divjakë, 20.IX.1972, 1 male specimen, leg. MISJA, in coll. NMNH Tirana, Gen. prep. 1./01. VIII.1994, BESHKOV (fig. 6). Known from:
Shkodra lake, Zogaj Village and Butrinti (BESHKOV, 1995).

Subfamily Plusiinae

Cornutiplusia circumflexa (LINNAEUS, 1767)

Gorice, 10.IX.1972, in coll. NMNH Tirana. Known from:
Fushë-Kuqe (BESHKOV & MISJA, 1995).

Thysanoplusia orichalcea (FABRICIUS, 1775)

Tirana, 25.IX.1973, 1 female specimen in coll. NMNH Tirana. New new species for Albania.

Trichoplusia circumscripta (FREYER, 1831)

W Albania, Ionian Sea Coast, Dhërmë Village, 15.IV.1994, S. BESHKOV leg. on 125 W Hg-lamp 2 males specimens (pl. 1, fig. 9), Gen. prep. 6./10.IV.1995, BESHKOV (fig. 7). New species for Albania.

Ctenoplusia accentifera (LEFEBVRE, 1827)

S. Albania, Fushë Lekli Village, Tepelene Region, 17.IV.1994, S. BESHKOV and S. ABADJIEV leg. on 125 W Hg-lamp, 1 male in coll. BESHKOV. Known from: Shkodra lake, Zogaj Village (BESHKOV, 1995).

Abrostola agnorista DUFAY, 1956

W Albania, Ionian Sea Coast, Dhërmi Village, 15.IV.1994, S. BESHKOV leg. on 125 W Hg-lamp 5 males specimens, Gen. prep. 1./19.IV.1995, BESHKOV (fig. 8), and all others gen. det. Known from: Shkodra lake, Zogaj Village; Dhërmi Village (24.IX.1993); Kakarriqi Village, Lezha district; Shkodra lake, Zogaj Village (BESHKOV, 1995).

Subfamily Cuculliinae

Cucullia chamomillae ([DENIS & SCHIFFERMÜLLER], 1775)

SW Albania, Levan, 5 km from Fieri on the road to Vlora Town, Koshovca Gorge, 14.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp, 1 male, Gen. prep. 3./19.IV.1995, BESHKOV (figs 9–10); Musina Village, Delvina Region, 17.IV.1994, 1 male specimen resting on a common light bulb (Gen. prep. 2./19.IV.1995, BESHKOV). New species for Albania.

Shargacucullia battariae (ESPER, 1790)

W Albania, Ionian Sea Coast, Dhërmi Village, 15.IV.1994, S. BESHKOV leg on 125 W Hg-lamp one male, Gen. prep. 7./10.IV.1995, BESHKOV, genital with everted vesica (figs. 11, 12) and 1 female (pl. 1, fig. 10) specimen. Known from: Shkodra (REBEL & ZERNY, 1931; HEINICKE, 1965).

Shargacucullia verbasci (LINNAEUS, 1758)

W Albania, Ionian Sea Coast, Dhërmi Village, 15.IV.1994, S. BESHKOV leg on 125 W Hg-lamp 1 male specimen. Known from: Tirana (REBEL & ZERNY, 1931; HEINICKE, 1965).

Calocucullia celsiae (HERRICH-SCHÄFFER, 1850)

Musina Village, Delvina Region, 17.IV.1994, 1 male specimen resting on a common light bulb in a coll. BESHKOV (pl. 1, fig. 11). New genus and a new species for Albania.

Omphalophana anatolica (LEDERER, 1857)

Butrinti, 28.V.1978, 02.VI.1980, 07.VI.1980, 08.VI.1980, 09.VI.1980; Vlora, 16.VI.1980, 08.IX.1978, all in coll. NMNH Tirana. Known from: South Albania, Vrissera Village, Gjirokastra district; Rogozhina; Borshi south of Vlora [north of Saranda] and Poliëani west of Tomorri (BESHKOV & MISJA, 1995).

Epimecia ustula (FREYER, 1835)

Vlora, 01.VI.1973, in coll. NMNH Tirana. Known from:

Dhërmi Village, Ionian Sea Coast (BESHKOV, 1995).

Cleonymia opposita (LEDERER, 1870)

Musina Village, Delvina Region, 17.IV.1994, 1 male specimen resting on a common light bulb, in coll. BESHKOV (pl. 1, fig. 12). New genus and a new species for Albania.

Pyrois effusa (BOISDUVAL, [1828])

SW Albania, near the opening of the canal of the Butrinti Lake, 16.IV.1994, 1 male specimen, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp (pl. 1, fig. 13). Known from: Sildigno near Shkodra (in a cave), Fani (REBEL & ZERNY, 1931; HEINICKE, 1965); Uji Ftohne south of Tepelena and Durresi (HEINICKE, 1965); Butrinti (23.V.1978) and Llogara (June) (MISJA, 1980).

Subfamily Heliothinae

Heliothis nubigera HERRICH-SCHÄFFER, 1851

Dhërmi, 15.IV.1994, in great numbers, 7 specimens collected; SW Albania, near the opening of the canal of the Butrinti Lake, 16.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp; Musina Village, Delvina Region, 17.IV.1994, resting on a common light bulb, 1 female in coll. BESHKOV; S. Albania, Fushë Lekli Village, Tepelene Region, 17.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp, 1 male in coll. BESHKOV. Known from: Shkodra lake, Zogaj Village; South Albania, Gjirokastra district, Vrissera Village; Durrësi and Tirana (BESHKOV & MISJA, 1995). The specimen reported in MOUCHA (1963) as *Chloridea petrigera* DEN. et. SCHIFF. in fact belongs to *Heliothis nubigera* HERRICH-SCHÄFFER, 1851 (HEINICKE, 1965).

Subfamily Ipimorphinae

Paradrina flavirena (GUENÉE, 1852)

W Albania, Ionian Sea Coast, Dhërmi Village, 15.IV.1994, S. BESHKOV leg on 125 W Hg-lamp 2 females specimens; SW Albania, near the opening of the canal of the Butrinti Lake, 16.IV. 1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp; S. Albania, Fushë Lekli Village, Tepelene Region, 17.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp. New species for Albania.

Sesamia nonagrioides (LEFEBVRE, 1827)

SW Albania, Levan, 5 km from Fieri on the road to Vlora Town, Koshovca Gorge, 14.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp 3 males specimens; W Albania, Ionian Sea Coast, Dhërmi Village, 15.IV.1994, S. BESHKOV leg. on 125 W Hg-lamp 1 female specimen, Gen. prep. 8./10.IV.1995, BESHKOV (fig. 13). Known from: Velipoja plazh; Levan (23.IX.1993); Butrinti; Tirana; Fushë-Kuqe; Marikaj (BESHKOV, 1995).

Trachea atriplicis (LINNAEUS, 1758)

SW Albania, Ionian Sea Coast, Dhërmi Village, 15.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp. Known from:

Miloti (REBEL & ZERNY, 1931; HEINICKE, 1965); Tirane and Golem (MISJA, 1976).

Callopistria latreillei (DUPONCHEL, 1827)

SW Albania, Ionian Sea Coast, Dhërmi Village, 15.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp; SW Albania, near the opening of the canal of the Butrinti Lake, 16.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp. Known from: Shkodra lake, Zogaj Village; Shkodra; Butrinti (June) (BESHKOV, 1995).

Spudaea pontica KLUJUTSHKO, 1968

W Albania, Ionian Sea Coast, Dhërmi Village, 15.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp 1 female specimen (pl. 1, fig. 14), Gen. prep. 5./10.IV.1995, BESHKOV (fig. 14). New genus and a new species for Albania.

Conistra torrida (LEDERER, 1857)

Hamalla Can, 25.VI.1980, STARHIEN leg., 1 male specimen in coll. NMNH Tirana. The report of REBEL & ZERNY (1931), following the report of DRENOWSKY (1930) for Galichitza Mts is not concerning Albania; that part of the mountain, explored by DRENOWSKY is in Macedonia. In HEINICKE (1965) and HACKER (1989) the species is not included for Albania. Here *Conistra torrida* (LEDERER, 1857) is reported as a new species for Albania.

Valeria oleagina ([DENIS & SCHIFFERMÜLLER], 1775)

SW Albania, Llogara, 1000 m, 15.IV.1994, S. BESHKOV & S. ABADJIEV leg. 1 male specimen resting on a lamp. Known from: Tirana (MISJA, 1980).

Dryobotodes carbonis (F. WAGNER, 1931)

Kalcë, 21.IX.1985, in coll. NMNH Tirana. New genus and a new species for Albania.

Polymixis (Bischoffia) culoti (SCHAWERDA, 1921)

Butrint, 25.X.1975, 2 male specimens in coll. NMNH Tirana. Known from: Ionian Sea Coast, Dhërmi Village (14.IX.1993) (BESHKOV, 1995). In BESHKOV (1995:393) it is wrongly reported as a "new genus and a new species for Albania" To be corrected as follows: new subgenus and a new species for Albania.

Brithys crini pancratii (CYRILLO, 1787)

Lazhd, 2.VI.1973, in coll. NMNH Tirana, dark (black) form. Known from: Adriatic Sea Coast, Velipoja plazh, Shkodra region (BESHKOV, 1995) and Durrës Town (HEINICKE, 1965; BESHKOV, 1995).

Charanya trigrammica (HUFNAGEL, 1766)

SW Albania, Levan, 5 km from Fieri on the road to Vlora Town, Koshovca Gorge, 14.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp 1 male specimen. Known from: Kula e Lumës, Kisbardha by Vlora (REBEL & ZERNY, 1931; HEINICKE, 1965); Uji Ftohne south of Tepelena and Poliën west of Tomor (HEINICKE, 1965); Tirana, Vlorë, Qarrishtë (Librazhd) (MISJA, 1976).

Subfamily Hadeninae

Discestra mendax (STAUDINGER, 1879)

Skranan, 23.VI.1982, Andon leg.; Vlora, VI.1973, both in coll. NMNH Tirana. New species for Albania.

Discestra stigmosa (CHRISTOPH, 1887)

SW Albania, near the opening of the canal of the Butrinti Lake, 16.IV.1994, 1 male specimen in coll. BESHKOV, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp; Lezhe, 24.VI.1973 1 male, 26.VI.1973, 2 males, Fushe Kuqe, 31.V.1982, 1 male, 02.VI.1982 1 male and 1 female, 03.VI.1982, 2 males, 05.VI.1982 1 male, 08.VIII.1982 1 male, all in coll. NMNH Tirana. Known from:

Ionian Sea Coast, Butrinti, 25.IX.1993 (BESHKOV, 1995).

Lacanobia blenna (HÜBNER, [1824])

SW Albania, near the opening of the canal of the Butrinti Lake, 16.IV.1994, 2 females specimens, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp (pl. 1, fig. 15). New species for Albania.

Lacanobia oleracea (LINNAEUS, 1758)

SW Albania, Levan, 5 km from Fieri on the road to Vlora Town, Koshovca Gorge, 14.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp, 1 male in coll. BESHKOV. Known from: Shkodra (REBEL & ZERNY, 1931; HEINICKE, 1965); Tiranë, Mamurras, Marikaj near Tirana, Klos, Durrës, Turan near Korëë (MISJA, 1976).

Hecatera dysodea ([DENIS & SCHIFFERMÜLLER], 1775) (= *Mamestra chrysocoma* BORKHAUSEN)

SW Albania, Ionian Sea Coast, Dhërmi Village, 15.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp. Known from:

Adriatic Sea Coast, Velipoja plazh; Kulla e Lumës; Dajti, Shkall Prisk, 850 m; Tirana; Marikaj near Tirana; Golemi near Kavaja; Mbas Deje; Librazhdi (BESHKOV, 1995).

Hecatera cappa (HÜBNER, [1809])

SW Albania, Ionian Sea Coast, Dhërmi Village, 15.IV.1994, 1 male specimen, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp. Known from:

West coast of the Shkodra lake, Zogaj Village; Limaëi Village near east coast of the Shkodra lake (BESHKOV & MISJA, 1995).

Hadena silenes (HÜBNER, [1822])

W Albania, Ionian Sea Coast, Dhërmi Village, 15.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp 1 female specimen; Musina Village, Delvina Region, 17.IV.1994, 1 female specimen resting on a common light bulb, both in coll. BESHKOV. New species for Albania.

Mythimna sicula (TREITSCHKE, 1835)

SW Albania, near the opening of the canal of the Butrinti Lake, 16.IV.1994, 1 male (pl. 1, fig. 16) and 1 female specimen, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp. Known from:

Shkodra lake, Zogaj Village (June and September); Saranda (BESHKOV, 1995).

Mythimna scirpi (DUPONCHEL, 1836)

S. Albania, Fushë Lekli Village, Tepelene Region, 17.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp, 1 female in coll. BESHKOV (pl. 1, fig. 17). Known from:

Shkodra lake, Zogaj Village (June and September) (BESHKOV & MISJA, 1995; BESHKOV, 1995). According to HREBLAY (pers. comm. 11.XII.1995) *M. sicula* and *M. scirpi* are conspecific taxa. A taxonomic revision of these taxa is needed.

Orthosia gothica (LINNAEUS, 1758)

SW Albania, Llogara, 1000 m, 15.IV.1994, S. BESHKOV & S. ABADJIEV leg. 1 male specimen resting on a lamp. Known from:

Tirana (MISJA, 1976).

Orthosia miniosa ([DENIS & SCHIFFERMÜLLER], 1775)

SW Albania, Ionian Sea Coast, Butrinti Lake, 16.IV.1994, S. BESHKOV leg. on 125 W Hg-lamp, 1 female specimen. New species for Albania.

Orthosia cerasi (FABRICIUS, 1775) (= *stabilis* ([DENIS & SCHIFFERMÜLLER], 1775))

W Albania, Ionian Sea Coast, Dhërmi Village, 15.IV.1994, S. BESHKOV leg. on 125 W Hg-lamp 1 female specimen (pl. 2, fig. 3), Gen. prep. 3./10.IV.1995, BESHKOV. New species for Albania.

Orthosia dalmatica (WAGNER, 1909)

SW Albania, Ionian Sea Coast, Butrinti Lake, 16.IV.1994, S. BESHKOV leg. on 125 W Hg-lamp, 3 females specimens (pl. 2, figs. 1, 2), Gen. preps 1–2./10.IV.1995, BESHKOV (fig. 15). New species for Albania.

Perigrapha rorida (FRIVALDSKY, 1835)

NW Albania, Shkodra lake, Tarabosh Mts, Zogaj Village, 12.IV.1994 on 400 W UV-lamp, 1 female, S. BESHKOV & S. ABADJIEV leg.; SW Albania, Levan, 5 km from Fieri on the road to Vlora Town, Koshovca Gorge, 14.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp, 1 male in coll. BESHKOV (pl. 1, fig. 18); W Albania, Ionian Sea Coast, Dhërmi Village, 15.IV.1994, S. BESHKOV leg. on 125 W Hg-lamp 1 male specimen. According to HREBLAY (pers. comm. 11.XII.1995) the taxon *rorida* FRIVALDSKY has to be removed from the genus *Orthosia* to the genus *Perigrapha*. Known from:

Rogozhina (REBEL & ZERNY, 1931; HEINICKE, 1965).

Panolis flammea ([DENIS & SCHIFFERMÜLLER], 1775)

SW Albania, Llogara, 1000 m, 15.IV.1994, S. BESHKOV & S. ABADJIEV leg. 1 female specimen resting on a lamp. New genus and a new species for Albania.

Egira spec. (all females)

SW Albania, Levan, 5 km from Fieri on the road to Vlora Town, Koshovca Gorge, 14.IV.1994, 1 female specimen, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp; SW Albania, near the opening of the canal of the Butrinti Lake, 16.IV.1994, 1 female specimen, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp, Gen. prep. 9./30.I.1996, BESHKOV; W Albania, Ionian Sea

Coast, Dhërmë Village, 15.IV.1994, S. BESHKOV leg. on 125 W Hg-lamp, 2 females, Gen. preps 11–12./30.I:1996, BESHKOV; S. Albania, Fushë Lekli Village, Tepelene Region, 17.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp, 1 female in coll. BESHKOV, Gen. prep. 10./30.I.1996, BESHKOV. Because all the specimens collected are females, we cannot say with certainty to which species our specimens belong. In the southern parts of the Balkan Peninsula three species of *Egira DUPONCHEL*, 1845 occur: *conspicillaris* (LINNAEUS, 1758), *anatolica* (HERING, 1933) and *tibori* HREBLAY, 1994. The last one, described from the asiatic part of Turkey (Asia Minor and Marash) (HREBLAY, 1994) is reported as a new species for Europe from five localities in Bulgaria, including the Bulgarian part of Macedonia (BESHKOV, in press). Probably *Egira tibori* HREB. and *Egira anatolica* HER. will be found in Albania, too. Until now only *Egira conspicillaris* (LINNAEUS, 1758) has been reported from Albania. Known from:

Orishë near Shkodra (23.X.1974) and Shkodra (24.VIII.1975) as *Xylomyges conspicillaris* L. (*musicalis* ESP.) (MISJA, 1976). It is possible that these are misidentifications because certain identification in this species-group can only be made by study of the male genitalia. The late dates given (August, October) suggest, that it is possible that the reported specimens do not even belong to the genus *Egira*.

Pachetra sagittigera (HUFNAGEL, 1766) (= *leucophaea* [DENIS & SCHIFFERMÜLLER], 1775)
Musina Village, Delvina Region, 17.IV.1994, resting on a common light bulb, S. BESHKOV & S. ABADJIEV leg. Known from:
Bështrë (REBEL & ZERNY, 1931; HEINICKE, 1965); Bizë near Shëngjergji 1400–1500 m (HEINICKE, 1965); Dajt, Tiranë, Mbas dejë (MISJA, 1976).

Subfamily Noctuinae

Standfussiana dalmata (STAUDINGER, 1901)
Lurë, 24.VII.1980, 1 male specimen, MISJA leg. New species for Albania.

Xestia cohaesa (HERRICH-SCHÄFFER, [1849])
Goricë, 09.X.1972, in coll. NMNH Tirana. New species for Albania.

Cerastis rubricosa ([DENIS & SCHIFFERMÜLLER], 1775)
S. Albania, Fushë Lekli Village, Tepelene Region, 17.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp. Known from:
Bështrë (REBEL & ZERNY, 1931; HEINICKE, 1965); and Shkodra (REBEL & ZERNY, 1931; HEINICKE, 1965; MISJA, 1980).

Euxoa cos (HÜBNER, 1824)
Fushe Kuqe, 16.VIII.1973, 1 male specimen in coll. NMNH Tirana. New species for Albania.

Euxoa conspicua (HÜBNER, [1827]) (= *agricola* BOISDUVAL, 1929)
Qarrishte, 08.VII.1975, 1 female specimen in coll. NMNH Tirana. New species for Albania.

Agrotis syricola CORTI & DRAUDT, 1933

Divjake, 02.IX.1972, in coll. NMNH Tirana; Krraba Mts, 6 km from Fikasi Village, Elbassani Region, 13.IV.1994, 1 male; SW Albania, Levan, 5 km from Fieri on the road to Vlora Town, Koshovca Gorge, 14.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp; SW Albania, Ionian Sea Coast, Dhërmi Village, 15.IV.1994, S. BESHKOV & S. ABADJIEV leg. 2 females and a single male specimen (pl. 2, fig. 4) together with *Agrotis puta* (HÜBNER, [1803]); SW Albania, near the opening of the canal of the Butrinti Lake, 16.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp 5 males specimens (pl. 2, fig. 5), Gen. preps 2, 3, 5./05.VI.1995, BESHKOV. Known from:

Adriatic Sea coast, Velipoja plazh, Shkodra Region (BESHKOV, 1995).

Agrotis puta (HÜBNER, [1803])

NW Albania, West coast of the Shkodra lake, Zogaj Village, 12.IV.1994, 2 male specimens (pl. 2, fig. 6), Gen. prep. 1, 4./05.VI.1995, BESHKOV.; SW Albania, Levan, 5 km from Fieri on the road to Vlora Town, Koshovca Gorge, 14.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp, 5 males in coll. BESHKOV; SW Albania, Ionian Sea Coast, Dhërmi Village, 15.IV.1994, S. BESHKOV & S. ABADJIEV leg. one male and one female specimens; SW Albania, near the opening of the canal of the Butrinti Lake, 16.IV.1994, S. BESHKOV & S. ABADJIEV leg. on 125 W Hg-lamp, one male in coll. BESHKOV; Musina Village, Delvina Region, 17.IV.1994, resting on a common light bulb, S. BESHKOV & S. ABADJIEV leg.; S. Albania, Fushë Lekli Village, Tepelene Region, 17.IV.1994, S. BESHKOV and S. ABADJIEV leg. on 125 W Hg-lamp. Known from:

Adriatic Sea coast, Velipoja plazh, Shkodra Region; Shkodra lake, Zogaj Village; Çurila near Durrës Town; Koshovca Gorge, Levan; Dhërmi Village; Butrinti; Tirana; Rogozhina; Pojani; Mamurrasë; Fushë-Kuqe; Divjaka; Qarrishta near Librazhdii (BESHKOV, 1995).

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References

ABADJIEV, S. & S. BESHKOV (in print): Butterflies and skippers observed in Albania, April 1994 (Lepidoptera: Hesperioidea & Papilionoidea). – Entomologist's Rec. J. Var.

BESHKOV, S. (1994): Migrant Lepidoptera species in Macedonia and Albania, 1993. – Atalanta **25** (3/4): 461–468.

BESHKOV, S. (1995): A Contribution to the knowledge of the Lepidoptera fauna of Albania. 2. Some findings of a collecting trip in September 1993 (Lepidoptera: Macrolepidoptera). – Atalanta **26** (1/2): 365–399.

BESHKOV, S. (in press): *Egira tibori* HIREBLAY, 1994 – a new species for the European Fauna (Lepidoptera: Noctuidae: Hadeninae). – Bull. Bulg. Lepid. Soc. **1**.

BESHKOV, S. & S. ABADJIEV (1996): Migrant species in Macedonia and Albania, 1994 (Lepidoptera). – *Atalanta* **27**(1/2): 157–164.

BESHKOV, S. & K. MISJA (1995): A Contribution to the knowledge of the Lepidoptera fauna of Albania. 1. Some materials from the collection of K. MISJA in the Natural History Museum Tirana and some results of the collecting trip of BESHKOV during 1992 (Lepidoptera, Macrolepidoptera). – *Atalanta* **26**(1/2): 345–363.

DANIEL, F. & G. FRIESE (1966): Ergebnisse der Albanien-Expedition 1961 des Deutschen Entomologischen Institutes. 55. Beitrag. Lepidoptera: Cossidae. – *Beiträge zur Entomologie* **16**(3/4): 483–487

DRENOWSKY, A. (1930): Beitrag zur Lepidopterenfauna S. W. Macedoniens. – *Zeitschrift Bulg. Akad. Wissensch.* **42**: 120–177

EICHLER, F. & G. FRIESE (1965): Ergebnisse der Albanien-Expedition 1961 des Deutschen Entomologischen Institutes. 32. Beitrag. Lepidoptera: Sphingidae. – *Beiträge zur Entomologie* **15**(5–6): 633–640.

FIBIGER, M. (1990): Noctuinae I. Noctuidae Europeae. Vol. 1. – 208 pp. Soro.

FIBIGER, M. (1993): Noctuinae II. Noctuidae Europeae. Vol. 2. – 230 pp. Soro.

FIBIGER, M. & H. HACKER (1990): Systematic List of the Noctuidae of Europe. – *Esperiana* **2**: 1–109.

FIBIGER, M. & H. HACKER (1992): Systematic List of the Noctuidae of Europe. Corrigenda et Addenda I. – *Esperiana* **3**: 507–511.

HACKER, H. (1989): Die Noctuidae Griechenlands. Mit einer Übersicht über die Fauna des Balkanraumes (Lepidoptera, Noctuidae). – *Herbipoliana* **2**, Verlag Eitschberger, Marktleuthen, 589 + XII pp.

HACKER, H. (1990): Die Noctuidae Vorderasiens (Lepidoptera). Systematische Liste mit einer Übersicht über die Verbreitung unter besonderer Berücksichtigung der Fauna der Türkei (einschließlich der Nachbargebiete Balkan, Südrussland, Westturkestan, Arabische Halbinsel, Ägypten). – *Neue Ent. Nachr.* **27**: 706 + XVI pp.

HACKER, H. (1992): Die Noctuidae Griechenlands. 1. Nachtrag. – *Esperiana* **3**: 363–377

HACKER, H. & L. RONKAY (1992): Das Genus *Polymixis* HÜBNER, [1820] mit Beschreibung neuer Taxa und Festlegung neuer Stati (Lepidoptera: Noctuidae). – *Esperiana* **3**: 473–496.

HEINICKE, W. (1965): Ergebnisse der Albanien-Expedition 1961 des Deutschen Entomologischen Institutes. 31. Beitrag. Lepidoptera: Noctuidae. – *Beiträge zur Entomologie* **15**(5–6): 504–632.

HREBLAY, M. (1994): New Taxa of the Tribe Orthosiini, IV. (Lepidoptera, Noctuidae). – *Acta Zool. Acad. Scient. Hungaricae* **40**(3): 241–252.

LERAUT, P. (1980): Liste systematique et synonymique des Lepidopteres de France, Belgique et Corse. – Supplement a Alexanor, Paris.

MISJA, K. (1976): Donnees préliminaires sur les noctuelles de la Famille des Noctuidées. – *Buletini i Shkencave të Natyrës* **3**: 79–95. Universiteti i Tiranës, Fakulteti i Shkencave të Natyrës.

MISJA, K. (1977): Donnees préliminaires sur l'étude des papillons noctuelles de la Famille des Geometridae. – *Buletini i Shkencave të Natyrës* **2**: 81–91. Universiteti i Tiranës, Fakulteti i Shkencave të Natyrës.

MISJA, K. (1978): Donnees sur l'étude des papillons du groupe Heteroneura de Albanie. – Buletini i Shkencave të Natyrës **3**: 65–73. Universiteti i Tiranës, Fakulteti i Shkencave të Natyrës.

MISJA, K. (1980): Quelques nouvelles donnees sur les papillons nocturnes de la famille Noctuidae d'Albanie. – Buletini i Shkencave të Natyrës **1**: 73–81. Universiteti i Tiranës, Fakulteti i Shkencave të Natyrës.

MISJA, K. (1990): Further data on the group of Macrolepidoptera of our country. – Buletini i Shkencave të Natyrës **2**: 43–50. Universiteti i Tiranës, Fakulteti i Shkencave të Natyrës.

MISJA, K. (1991): Studimi i makrolepidopterëve të Shqipërisë me të dhëna sistematiko-ekologjike për llojet dëmtonjës. – Autoreferat i Disertacionit të paraqitur në kërkim të gradës "Doktor i Shkencave" Universiteti i Tiranës, Fakulteti i Shkencave të Natyrore, Katedra e Zoologjisë. Tiranë, 18 pp.

MOUCHA, J. (1963): Eine Lepidopterenausbeute aus Albanien (Schluss). – Entomologisches Nachrichtenblatt Wien **10**(2): 12–13.

G. RONKAY & L. RONKAY (1994): Cuculliinae I. – Noctuidae Europaeae, volume **6**, 282 pp., Soro.

G. RONKAY & L. RONKAY (1995): Cuculliinae II. – Noctuidae Europaeae, volume **7**, 224 pp., Soro.

REBEL, H. & H. ZERNY (1931): Die Lepidopterenfauna Albaniens. – Denkschriften der Akademie der Wissenschaften, Math. Nat. Kl. Wien **103**: 37–161.

SVENDSEN, P. & M. FIBIGER (1992) – The Distribution of European Macrolepidoptera. Noctuidae, Noctuinae 1. – Faunistica Lepidopterorum Europaeorum **1**. Kopenhagen, 293 pp.

URBAHN, E. (1966): Ergebnisse der Albanien-Expedition 1961 des Deutschen Entomologischen Institutes. 51. Beitrag. Lepidoptera: Geometridae. – Beiträge zur Entomologie **16**(3–4): 407–446.

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